

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02011

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C01B33/20 B01J20/10 A01N59/16 A01N59/20 A61L9/01
 B01D53/34 B01J39/02 B01J39/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B B01J A01N B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, INSPEC, COMPENDEX, CHEM ABS Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 99 27942 A (SHEEN BIOTECHNOLOGY PTY LTD ;RILEY THOMAS V (AU); MYERS CINDY ANNE) 10 June 1999 (1999-06-10)</p> <p>claims 1-15 page 1, line 3 -page 4, line 25</p> <p>---</p> <p>-/--</p>	<p>1-5,7, 13,19, 21-23, 37,38, 43,44, 49,51,52</p>



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

23 February 2004

Date of mailing of the international search report

04/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 92 10292 A (ENGELHARD CORP) 25 June 1992 (1992-06-25)</p> <p>claims 1,2,4-9 page 7, line 6 -page 8, line 4 examples 10-12,15 & US 5 053 139 A 1 October 1991 (1991-10-01) cited in the application</p>	<p>1,2,4,6, 9,14,15, 22,35, 36,41,42</p>
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KOMATSU, YOSHINOBU ET AL: "Amorphous copper silicates, their manufacture, and their uses in antibacterial agents and antifouling coatings" retrieved from STN Database accession no. 126:33988 CA XP002271162 abstract</p>	<p>1-5,7, 13,14, 16,19, 21,23, 37,38, 43,44, 49-52</p>
A	<p>& JP 08 283013 A (MIZUSAWA INDUSTRIAL CHEM, JAPAN) 29 October 1996 (1996-10-29)</p>	<p>10-12</p>
X	<p>US 6 284 364 B1 (NODE SHUNSAKU ET AL) 4 September 2001 (2001-09-04)</p> <p>claim 1 column 3, line 15 -column 7, line 40 example 6 table 1 abstract</p>	<p>1-3,5,7, 10, 14-21, 23, 25-34, 37,38, 43,44, 49-53</p>
X	<p>DATABASE WPI Section Ch, Week 199423 Derwent Publications Ltd., London, GB; Class E36, AN 1994-186002 XP002271163 & JP 06 121926 A (NISSAN MOTOR CO LTD), 6 May 1994 (1994-05-06) abstract</p>	<p>1,8,16, 19,24, 39,40, 45,46, 49-52</p>
X	<p>US 3 836 633 A (BESCHKE H) 17 September 1974 (1974-09-17) the whole document</p>	<p>1-5,13, 49,51</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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E	WO 03 089112 A (HUGHES KENNETH D ;WATERVISIONS INTERNATIONAL INC (US)) 30 October 2003 (2003-10-30) claims 1,2,37,38,46-52,94-108 page 1, line 6 ~ line 12 page 5, line 21 -page 6, line 2 page 14, line 35 -page 16, line 20 -----	1,6-12, 14-24, 37-53
E	WO 03 075664 A (LANGLEY TOM ANTHONY ;CONVE LTD (AU); SHEEN RONALD JAMES (AU)) 18 September 2003 (2003-09-18) claims 1-13,23,31 -----	1,2,7, 10,37, 38,49-52

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Information on patent family members

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